

P20580.P01

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))



ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

APPLICATION ELEMENTS

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
 - a. Small Entity Statement(s)
3. Specification [Total Pages 45]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 USC 113) [Total Sheets 20]
5. Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy) Unexecuted
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 20 completed)
[Note Box 6 below]
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Incorporation By Reference (useable if Box 5b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
7. Application Data Sheet. See 37 CFR 1.76
8. CD-Rom or CD-R in duplicate, large table or Computer Program (*Appendix*)

20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior Application No. /, filed .
Prior application information: Examiner: _____ Group Art Unit: _____

21. Amend the specification by inserting before the first line the sentence:
 This application is a continuation-in-part, continuation, divisional, of Application No. / , filed .Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
 1941 Roland Clarke Place
 Reston, VA 20191
 (703) 716-1191

4/13/01

Date

Leslie H. Bernstein Reg. No. 33,329
 Signature

Bruce H. Bernstein, Reg No. 29,027
 Typed or Printed Name

FEE TRANSMITTAL

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<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <u>19-0089</u></p> <p>Deposit Account Name <u>GREENBLUM & BERNSTEIN, P.L.C.</u></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))</p> <p><input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)</p> <p><input type="checkbox"/> Applicant Claims Small Entity Status See 37 CFR 1.27.</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr> <tr><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>Requesting publication of SIR</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>Prior to Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>116</td><td>390</td><td>Extension for response within 1st month</td><td></td></tr> <tr><td>117</td><td>890</td><td>Extension for response within 2nd month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>Extension for response within 3rd month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>Extension for response within 4th month</td><td></td></tr> <tr><td>119</td><td>310</td><td>Extension for response within 5th month</td><td></td></tr> <tr><td>120</td><td>310</td><td>Notice of Appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>Request for oral hearing</td><td></td></tr> <tr><td>140</td><td>110</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>Petition to revive unavoidably abandoned application</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>Petition to revive unintentionally abandoned application</td><td></td></tr> <tr><td>143</td><td>440</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>144</td><td>600</td><td>Design issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>Plant issue fee</td><td></td></tr> <tr><td>123</td><td>50</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>126</td><td>240</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>581</td><td>40</td><td>Submission of IDS</td><td></td></tr> <tr><td>146</td><td>710</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>149</td><td>710</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>179</td><td>710</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>169</td><td>900</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>147</td><td>246</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td>148</td><td>249</td><td>Other fee (specify) _____</td><td></td></tr> <tr><td>149</td><td>249</td><td>Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;">SUBTOTAL (3) (\$) <u>0.00</u></td> </tr> <tr> <td colspan="6" style="text-align: center;">*Reduced by Basic Filing Fee paid</td> <td colspan="2"></td> </tr> <tr> <td colspan="6">SUBMITTED BY</td> <td colspan="2">Complete (if applicable)</td> </tr> <tr> <td colspan="2">Typed or Printed Name</td> <td colspan="4">Bruce H. Bernstein</td> <td>Reg. Number</td> <td>29,027</td> </tr> <tr> <td colspan="2">Signature</td> <td colspan="2"><i>Leslie J. Paperne Reg. No.</i></td> <td>Date</td> <td>4/13/01</td> <td>Deposit Account User ID</td> <td></td> </tr> <tr> <td colspan="8" style="text-align: center;"><i>33,329</i></td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath		127	50	Surcharge - late provisional filing fee or cover sheet.		139	130	Non-English specification		147	2,520	For filing a request for reexamination		112	920*	Requesting publication of SIR		113	1,840*	Prior to Examiner action		115	110	Requesting publication of SIR after Examiner action		116	390	Extension for response within 1st month		117	890	Extension for response within 2nd month		118	1,390	Extension for response within 3rd month		128	1,890	Extension for response within 4th month		119	310	Extension for response within 5th month		120	310	Notice of Appeal		121	270	Filing a brief in support of an appeal		138	1,510	Request for oral hearing		140	110	Petition to institute a public use proceeding		141	1,240	Petition to revive unavoidably abandoned application		142	1,240	Petition to revive unintentionally abandoned application		143	440	Utility issue fee (or reissue)		144	600	Design issue fee		122	130	Plant issue fee		123	50	Petitions to the Commissioner		126	240	Petitions related to provisional applications		581	40	Submission of IDS		146	710	Recording each patent assignment per property (times number of properties)		149	710	Filing a submission after final rejection (37 CFR 1.129(a))		179	710	For each additional invention to be examined (37 CFR 1.129(b))		169	900	Request for Continued Examination (RCE)		147	246	Request for expedited examination of a design application		148	249	Other fee (specify) _____		149	249	Other fee (specify) _____		SUBTOTAL (3) (\$) <u>0.00</u>				*Reduced by Basic Filing Fee paid								SUBMITTED BY						Complete (if applicable)		Typed or Printed Name		Bruce H. 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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant :H. TAKEUCHI

Serial No : Not Yet Assigned

Filed : Concurrently Herewith

For :FILTERING PROCESSING ON SCENE IN VIRTUAL 3-D SPACE

COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b)and 1.53(f)

Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b)and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. An executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to this, a correspondence address is provided in the unexecuted Declaration and Power of Attorney, and is as follows:

GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, Va. 20191

The above-identified application includes:

- 45 pages of specification (including Abstract);
- 19 total claims; with 4 independent;
- 20 sheets of drawings with 44 figures;
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
H. TAKEUCHI

Leslie Mapperson Key No.
Bruce H. Bernstein
Reg. No. 29,027 33,329

April 13, 2001
GREENBLUM & BERNSTEIN, P.L.C.
1941 Roland Clarke Place
Reston, Va. 20191
(703) 716-1191